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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dennis L. Panicali and Rene' Bernards

Serial No.: 092,036

Filed: September 2, 1987

Title: RECOMBINANT POX VIRUS FOR IMMUNIZATION
AGAINST TUMOR-ASSOCIATED ANTIGENS

Docket No.: ABT87-01

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as First
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Hamilton, Brook, Smith & Reynolds

Dorothy A. Lonatke
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INFORMATION DISCLOSURE STATEMENT

The Honorable Commissioner
of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.56 and 1.97-1.99, the
following listed items are cited to the Examiner as

being information which, in good faith judgement of the Applicant and the undersigned Attorney, is relevant to the subject matter claimed in the above-identified application

AA U.S. Patent No. 4,603,111, Paoletti et al..

Recombinant vaccinia viruses and techniques for their production are disclosed. See also page 10 of specification.

AR Padhy, L.C. et al., Cell, 28:865-871.

AS Hearing, V.J. et al., J. Immunol. 137:379 (1986).

AT Lathe et al., Nature 326:878-880.

The references are discussed in the background of the specification.

AU Bargmann et al., Nature 319:226-230.

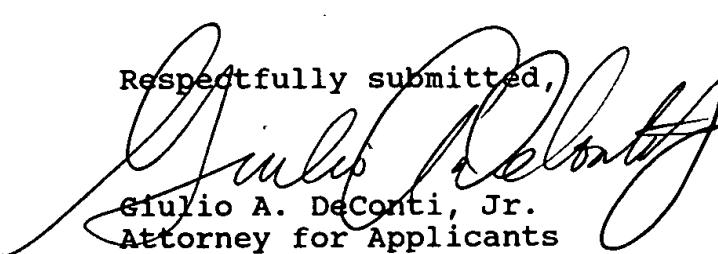
Bargmann et al. describe the rat neu gene. See pages 20-21 of the specification.

AV Panicali, D. et al., Gene 47:193-199 (1986).

The vZ2 virus and selection of recombinants based upon LacZ phenotype are described.

Copies of the references AS, AT and AV are enclosed for the Examiner's convenience. Applicants will attempt to forward copies of the remaining references.

Respectfully submitted,


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Dated: 2/1/89